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**IN THE UNITED STATES PATENT
AND TRADEMARK OFFICE**

Date of Deposit: October 20, 2003

Applicant(s): T. IKEDA

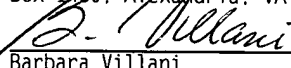
Serial No. : Not yet assigned

Filed : Herewith

For : INK JET RECORDING
APPARATUS

Art Unit :
Examiner :

I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450


Barbara Villani

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INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450,
Alexandria, VA 22313-1450

S I R :

Submitted herewith are copies of the publications identified on the attached Patent Office form PTO/SB/08A.

Japanese Nos. 11-42771 and 11-48493 are identified on page 2 of the specification.

It is respectfully requested that the publications submitted herewith be considered and made of record.

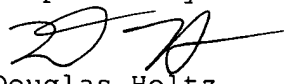
DISCUSSION

Japanese No. 11-42771 - An apparatus for restricting a variation in ink concentration while moisture in ink is extracted when a deaeration is carried out.

Japanese No. 63-145039 - This invention comprises a deaeration chamber arranged between an ink jet head and an ink supplying tank to have an ink reservoir inside thereof, and a valve arranged above the deaeration chamber to conduct with surrounding atmosphere or shut off surrounding atmosphere.

Japanese No. 11-48493 - Ink is supplied to the recording head through the deaeration device for heating the ink in the tank to a temperature more than room temperature.

Respectfully submitted,


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PTO/SB/08A (08-00)

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for Form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number		
				Filing Date		Herewith
				First Named Inventor		IKEDA
				Group Art Unit		
				Examiner Name		
Sheet	1	of	1	Attorney Docket Number		03604/LH

U.S. PATENT DOCUMENTS

Exam. Inits*	Cite No ¹	Document Number	Kind Code ²	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion

FOREIGN PATENT DOCUMENTS

Exam Inits*	Cite No ¹	offc ³	Document Number ⁴	Kind Code ⁵	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion	T ⁶
		JP	63-145039	A	TAKAHASHI	06-17-1988		X*
		JP	11-042771	A	SHIGEMURA	02-16-1999		X*
		JP	11-48493	A	MOCHIZUKI	02-23-1999		X*
			*English abstract attached.					

Examiner Signature		Date Considered	
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* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPBP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Place a check here if English translation is attached.

DATE MAILED: **October 20, 2003**